

LAND APPLICATION OF BIOSOLIDS SITE INSPECTION FORM

GENERAL INFORMATION:		DATE: 12/13/2004	
COUNTY: Frederick		CONTRACTOR/MUNICIPALITY: Synagro Mid-Atlantic, Inc.	
NAME (OWNER/OPERATOR): A.E. Belford FD - 9			
INSPECTED BY: Scott Haley (writer)		PERMIT NO: VDH BUR 24A	
FIELD NO: 4,5,6,7,10,11		ACRES: @150	
OTHERS PRESENT: Laura Shifflett, Fred. Co.; Gary Gardner, Synagro; Mr. Belford			
FIELD DATA/OBSERVATIONS:		TIME: 11:00	
WEATHER: sunny, cold, windy		SOIL CONDITIONS: moist	
BIOSOLIDS SOURCE: Blue Plains, Arlington, UOSA		BIOSOLIDS TYPE: lime stabilized	
SOIL pH: ranged from 5.7 to 6.4		% SOLIDS OF BIOSOLIDS: 25-30%	
APPLICATION RATE: ½ hay rate - target rate of 125lbsPAN /acre – actual rates reported ranged from 79 to 122lbs PAN/acre			
CROP AND EXPECTED YIELD: Tallgrass hay			
LOAD TO DATE (WT): see monthly reports			
BIOSOLIDS APPLIED:	<input type="checkbox"/> LIQUID	<input checked="" type="checkbox"/> DEWATERED	
MODE OF APPLICATION:	<input checked="" type="checkbox"/> SURFACE	<input type="checkbox"/> SURFACE W/INCORP.	<input type="checkbox"/> INJECTION
APPLICATION LIMITED BY:	<input checked="" type="checkbox"/> NITROGEN	<input type="checkbox"/> pH	
	<input type="checkbox"/> MAX. HYDRAULIC LOADING (LIQUID BIOSOLIDS)		
	<input type="checkbox"/> MAX. SOLIDS LOADING (15 DRY TONS/ACRE)		
	<input type="checkbox"/> OTHER (SPECIFY):		
FIELD OBSERVATIONS			
	BUFFERS OBSERVED:	<u>YES</u>	<u>NO</u>
	UNIFORM APPLICATION:	X	
	PROPER FIELD RECORDS: N/A		
	SIGNS OF RUNOFF:		X
	TRUCKS NON-SPILL/WATERTIGHT: N/A		
	CONDITION OF HAUL ROUTE SATISFACTORY: N/A		
ODORS PRESENT:	<input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> NORMAL	<input type="checkbox"/> ABOVE NORMAL
OVERALL CONDITION OF SITE:	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> FAIR	<input type="checkbox"/> POOR
COMMENTS:	<p>Mr. Scott Haley was contacted 12/06/2004 by a Frederick County resident who was calling for a friend, who was concerned about the potential impact on his groundwater supply from land applied biosolids on a nearby site. Land application had last occurred on the permitted site in October 2004. The Biosolids Use Regulations limit application rates to one-half of the maximum application rate from October 1 until February 28 of the following year. Reported rates of application ranged from 79 to 122 lbs PAN/acre.</p> <p>December 13, 2004 Mr. Scott Haley met with Laura Shifflett, local monitor for the County, on-site to inspect the land application site and determine if possible impacts to surface or ground water were evident. Mr. Scott Haley traveled over the site visually inspecting the land application areas. All observed buffers were in compliance with regulations. There was no visible evidence of runoff from the permitted site and no features were observed that represented possible contamination of ground water.</p>		
PAN = Plant Available Nitrogen			

COPIES: VDH – Div. of Wastewater Engineering (permit file)
Frederick County – Laura Shifflett
Frederick County Health Dept. – Steve Lee
Synagro Mid-Atlantic, Inc.